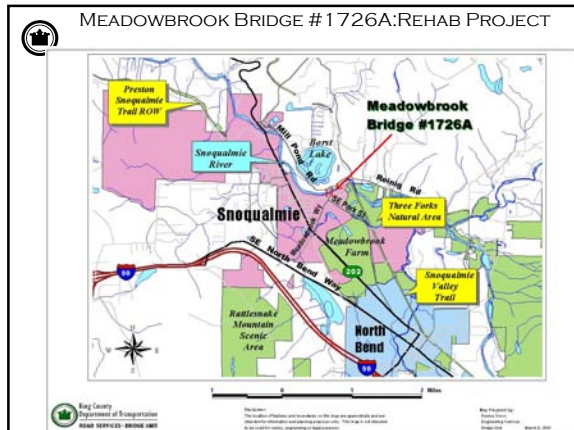




MEADOWBROOK BRIDGE #1726A

ON-SITE PREBID MEETING – FEBRUARY 7, 2005



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

INTRODUCTION

- ♦ Bidders Must Sign-in.
 - ♦ Bids will be considered non-responsive without proof of attendance.
- ♦ Question Submission.
 - ♦ Use the form provided to submit any questions that cannot be answered by reference to the Specifications and Special Provisions.
 - ♦ Submit at the end of the Prebid Meeting, or by facsimile by close-of-business February 8, 2005.

Fax (206) 296-0565 or (206) 205-5531

MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

MEETING PURPOSE

This Prebid Meeting is being conducted to qualify responsive bidders and to provide them the opportunity to:

- ♦ Review critical aspects of the contract.
- ♦ Become familiar with the features and limits of the project site.
- ♦ Submit any questions that cannot be answered by reference to the Specifications and Special Provisions for timely review.

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MEADOWBROOK BRIDGE #1726A

ON-SITE PREBID MEETING – FEBRUARY 7, 2005



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

EXISTING CONDITIONS

- ♦ The bridge was built in 1921 and is a **King County Landmark** and is eligible for listing in the National Register of Historic Places.
 - ♦ <http://www.metrokc.gov/kcdot/roads/cip/projectdetail.aspx?cipid=200294>
 - ♦ Riveted steel Pratt (Parker sub-type) through truss, one of only two remaining in King County.
 - ♦ Public meetings were held and Traffic Analysis performed to select the rehab option.
- ♦ Exceptional care must be taken not to damage the main span except for the repairs specifically called out.



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

EXISTING CONDITIONS (CONT'D)

- ♦ Bridge paint contains Lead and other metals (G-104)
- ♦ Reference plans and Geotechnical reports are available at the Map Counter 201, S Jackson St, Seattle, WA 98104 for review.
- ♦ A copy is here for reference.



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

CONTRACT ADMINISTRATION

- ♦ Advertised: January 25, 2005
- ♦ Prebid meeting: February 7, 2005
- ♦ Bid Opening: February 15, 2005
- ♦ Addendum #1: (Issued on 2/3/05)
 1. Permanent signing bid item is deleted
 2. Training hours corrected in the GSP from 1400 to 400
 3. Progress Schedule: section deleted and replaced
 4. Temporary mulching: thickness required changed from 2" to 3" (G-141)
 5. Clearing and Grading Permit: addendum to conditions added for flood hazard

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MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

CONTRACT ADMINISTRATION (CONT'D)

To Qualify, Bidders shall:

- ♦ Attend the Pre-bid Meeting (February 7, 2005).
- ♦ Submit Proposals including – but not limited to:
 - ♦ Bid tabulations
 - ♦ DBE Utilization Certification
 - ♦ Affidavit and Certificate of Compliance
 - ♦ ADA Self-evaluation and Assurance of Compliance (G-43)
 - ♦ Personnel Inventory Report (G-45)
 - ♦ Statement of Compliance
 - ♦ Bid Guaranty Bond
 - ♦ Equal Benefits Compliance
 - ♦ Escrow bid documentation agreement (G-6)



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

CONTRACT ADMINISTRATION (CONT'D)

- ♦ 2004 Standard Specifications or Road , Bridge and Municipal Construction (WSDOT/APWA)
- ♦ 1993 KCRS
- ♦ Amendments to the Standard Specification is attached with the contract documents



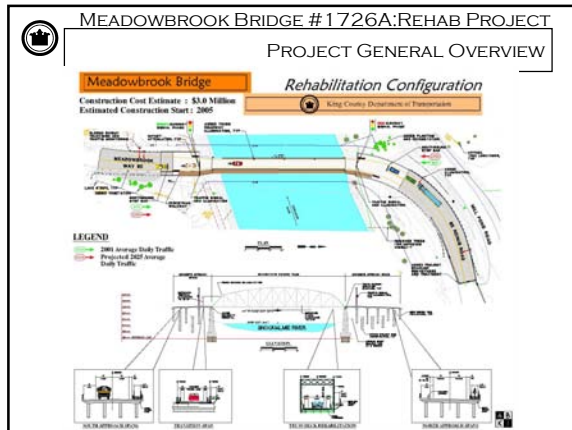
MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

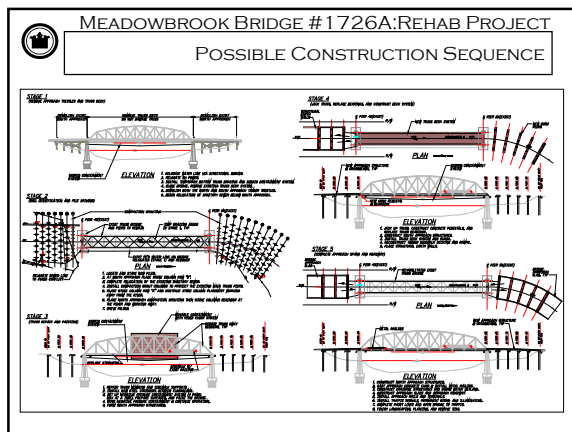
CONTRACT ADMINISTRATION (CONT'D)

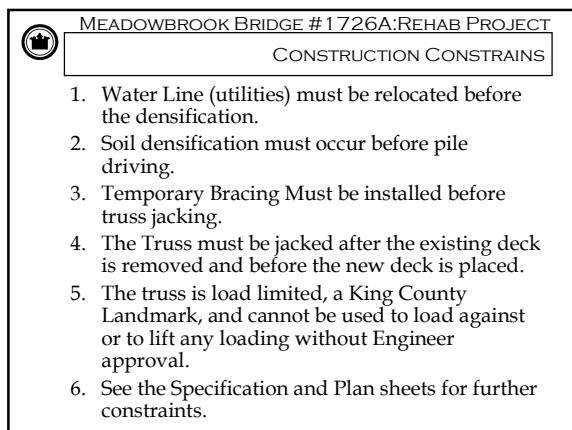
This is a Federal Aid Contract

- ♦Federal Agency Inspection (G-45)
- ♦DBE Requirements:
 - ♦ 10%percent mandatory (G-30)
 - ♦ 400 hours training requirement (G-38)
- ♦Escrow bid documents (G-6)
 - ♦ Delivery of bid documents to the County: Low bidder and 2nd low bidder shall submit within 4 days after the bid opening
 - ♦ Failure to do so will be considered non-responsive
- ♦Foreign made materials (G-17)

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MEADOWBROOK BRIDGE #1726A

ON-SITE PREBID MEETING – FEBRUARY 7, 2005



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

BRIDGE CLOSURE AND CONDITIONS

- ♦ General Closure is allowed April 4, 2005 through October 28, 2005 (p. G-53).
- ♦ This is a Calendar-day project (G-55):
 - ♦ Work shall be substantially complete no later than October 28, 2005.
 - ♦ Liquidated damages \$2,500 per calendar day.
- ♦ Work shall be physically complete no later than November 18, 2005.



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

PERMITS AND CONDITIONS

G-19

- ♦ Federal : Compliance with Section 106 National Historic Preservation Act
- ♦ State:
 - ♦ HPA
 - ♦ RCRA Site identification No. WAH000025230
 - ♦ NPDES Permit
 - ♦ ESA "No Effect" Stipulations:
- ♦ Local:
 - ♦ Clearing/Grading permit
 - ♦ Shoreline Exemption
 - ♦ COA Type II for Rehab Project
 - ♦ COA Type II for Public Art component



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

UTILITIES AND CONDITIONS

P. G-48:

- ♦ City of Snoqualmie Water Line Relocation Project R44143 (G-5): per agreement with City and County
 - ♦ Directional Boring
 - ♦ Option of deleting this work
- ♦ PSE power line (possible conflict; coordinate)
- ♦ Comcast(possible conflict; coordinate)
- ♦ Centurytel(possible conflict; coordinate)

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MEADOWBROOK BRIDGE #1726A

ON-SITE PREBID MEETING – FEBRUARY 7, 2005



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

INSURANCE REQUIREMENTS

G-48:

- General liability
- Explosion & Collapse
- Automobile Liability
- Worker's compensation
- Employer's liability or Stop Gap
- Builder's Risk
- Professional liability Errors and Omissions
- U.S. Longshoreman and Harbor Worker's coverage
- Protection & Indemnity
- Pollution Liability
- Hull and Machinery



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

LEGAL RESPONSIBILITIES

Partial List

- Comply with all local, state, and federal regulations.
- Lead Health Protection Plan (p. G-18)
 - Plan must accommodate *authorized* County staff as well.
- Spill Prevention, Control, and Countermeasures Plan. (Standard Spec 1-61)
- TESC plan: Fugitive Dust (p. G-19)



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

PROGRESS SCHEDULE

Progress Schedule: at minimum include the following tasks
(Addendum #1)

- | | |
|-----------------------------------------|-----------------------------------|
| • Water line relocation | • South Stone column installation |
| • Close the bridge | • North Stone column installation |
| • South approach demolition | • South approach construction |
| • North approach demolition | • North approach construction |
| • Truss deck removal | • Bridge rail installation |
| • Truss jacking and Bearing Replacement | • Guardrail installation |
| • Existing pier modifications | • Traffic signal installation |
| • Bridge deck construction | • Landscaping and planting |
| • Structure steel repairs | • Storm water pond construction |
| • Bridge painting | • Open the bridge |
| • South Compaction grouting | |
| • North Compaction grouting | |

•Break activities in duration more than 10 days

•Show critical path

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MEADOWBROOK BRIDGE #1726A

ON-SITE PREBID MEETING – FEBRUARY 7, 2005



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

PHYSICAL CONSTRAINTS, (CONT'D)

Construction Staging:

- ♦ C&G permit conditions
 - ♦ Fueling 100' away from the River (5115)
 - ♦ Flood evacuation plan (D109 Addendum #1)
 - ♦ Flood warning window (September 1st-May 1st)



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

BRIDGE PAINTING

- ♦ Lead and other metal concentrations (G-104)
- ♦ Full removal of existing paint
- ♦ Three coats of single component moisture-cured polyurethane coats
- ♦ Constraints on containment
 - ✓ Rigid floor negative air pressure system with secondary system below.
 - ✓ Truss is load limited.
 - ✓ Existing truss decking must be removed before containment loading.
 - ✓ Enclosure Size is limited to 85-feet long and only one enclosure is allowed at a time.
 - ✓ Containment system side panels shall be rapidly removable and opened when wind conditions are greater than 35mph.
 - ✓ Allowed gravity loading is 100psf over the containment area of approximately 20-feet by 85-feet.



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

MODIFICATION OF EXISTING PIERS

G-76

- ♦ Construction of concrete pedestals for truss bearings
- ♦ Main Pier cap beam widening
- ♦ Dowels connecting to the top of existing Main Piers

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MEADOWBROOK BRIDGE #1726A

ON-SITE PREBID MEETING – FEBRUARY 7, 2005



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

EXISTING STEEL TRUSS REPAIRS

G-82

- Historic truss
- Force account item
- “Rivet looking head” bolts is used for connections
- Engineer assess the condition of the members after the abrasive blasting operation.



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

TRUSS JACKING AND BEARINGS

G-84

- Submit temporary jacking plans in accordance with Section 6-01.9

G-92

- Isolation bearings
 - Critical for schedule: submit shop drawings for Bridge Truss Bearings 4 weeks after NTP.



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

PILING

G-100

- Test piles becomes production piles
- Movement and vibration monitoring
- Re-strike

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MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

COMPACTION GROUTING

G-118

- ♦ Geotechnical report available for purchase or review

G-119

- ♦ Submittals:
 - ♦ Five years of experience
 - ♦ Ground movement and vibration plan
 - ♦ Mix design
 - ♦ Work procedures and control criteria
 - ♦ Detail design and installation plan
 - ♦ List of proposed equipment
 - ♦ Installation procedures



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

STONE COLUMN FOR SOIL IMPROVEMENT

Lump Sum: G-124

“Stone columns shall be installed to improve the existing soils within the areas and depths shown on the Plans.”

Bottom depth :Approx. Elev. 355 Ft.

Submittals: G-126

- ♦ List of projects
- ♦ Detailed design and installation plan
- ♦ List of equipments
- ♦ Construction procedures and sequencing.
- ♦ Proposed method
- ♦ Geotechnical report available for purchase or review



MEADOWBROOK BRIDGE #1726A:REHAB PROJECT

PLANTINGS

- ♦ Succession planting approach
 - ♦ Phase 1 planting by contractor
 - ♦ Phase 2 planting is by others

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